

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10530963	
	Filing Date		2005-06-21	
	First Named Inventor	Menachem Rubinstein		
	Art Unit	1633		
	Examiner Name	MARVICH, MARIA		
	Attorney Docket Number	057878-16		

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

NON-PATENT LITERATURE DOCUMENTS				Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10530963
Filing Date		2005-06-21
First Named Inventor	Menachem Rubinstein	
Art Unit	1633	
Examiner Name	MARVICH, MARIA	
Attorney Docket Number	057878-16	

1	BAHNER I, et al. "Comparison of trans-dominant inhibitory mutant human immunodeficiency virus type 1 genes expressed by retroviral vectors in human T lymphocytes." J Virol. 1993 Jun;67(6):3199-207.	<input type="checkbox"/>
2	BOSHART M, et al. "A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus." Cell. 1985 Jun;41(2):521-30.	<input type="checkbox"/>
3	BREGNI M, et al. "Human peripheral blood hematopoietic progenitors are optimal targets of retroviral-mediated gene transfer." Blood. 1992 Sep 15;80(6):1418-22.	<input type="checkbox"/>
4	BRINSTER RL, et al. "Somatic expression of herpes thymidine kinase in mice following injection of a fusion gene into eggs." Cell. 1981 Nov;27(1 Pt 2):223-31.	<input type="checkbox"/>
5	CASSEL A, et al. "Retroviral-mediated gene transfer into CD34-enriched human peripheral blood stem cells." Exp Hematol. 1993 Apr;21(4):585-91.	<input type="checkbox"/>
6	CHAO NJ, et al. "Granulocyte colony-stimulating factor "mobilized" peripheral blood progenitor cells accelerate granulocyte and platelet recovery after high-dose chemotherapy." Blood. 1993 Apr 15;81(8):2031-5.	<input type="checkbox"/>
7	CHEN JD, et al. "Inactivation of HIV-1 chemokine co-receptor CXCR-4 by a novel intrakine strategy." Nature Med. 1997 Oct;3(10):1110-6.	<input type="checkbox"/>
8	COSTANTINI F, and Lacy E. "Introduction of a rabbit beta-globin gene into the mouse germ line." Nature. 1981 Nov 5;294:92-4.	<input type="checkbox"/>
9	COUTURE LA, and Stinchcomb DT. "Anti-gene therapy: the use of ribozymes to inhibit gene function." Trends Genet. 1996 Dec;12(12):510-5.	<input type="checkbox"/>
10	DIGNAM JD, et al. "Accurate transcription initiation by RNA polymerase II in a soluble extract from isolated mammalian nuclei." Nucleic Acids Res. 1983 Mar 11;11(5):1475-89.	<input type="checkbox"/>
11	DIJKEMA R, et al. "Cloning and expression of the chromosomal immune interferon gene of the rat." EMBO J. 1985 Mar;4(3):761-7.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10530963
Filing Date	2005-06-21
First Named Inventor	Menachem Rubinstein
Art Unit	1633
Examiner Name	MARVICH, MARIA
Attorney Docket Number	057878-16

12	DUNBAR CE, et al. "Retrovirally marked CD34-enriched peripheral blood and bone marrow cells contribute to long-term engraftment after autologous transplantation." Blood. 1995 Jun 1;85(11):3048-57.	<input type="checkbox"/>
13	DYNAN WS, and Tjian R. "Control of eukaryotic messenger RNA synthesis by sequence-specific DNA-binding proteins." Nature. 1985 Aug 29-Sep 4;316(6031):774-8.	<input type="checkbox"/>
14	DYNAN WS. "Modularity in promoters and enhancers." Cell. 1989 Jul 14;58(1):1-4.	<input type="checkbox"/>
15	FLETCHER C, et al. "Purification and characterization of OTF-1, a transcription factor regulating cell cycle expression of a human histone H2b gene." Cell. 1987 Dec 4;51(5):773-81.	<input type="checkbox"/>
16	FRIED M, and Crothers DM. "Equilibria and kinetics of lac repressor-operator interactions by polyacrylamide gel electrophoresis." Nucleic Acids Res. 1981 Dec 11;9(23):6505-25.	<input type="checkbox"/>
17	GALE RP, et al. "Blood stem cell transplants come of age." Bone Marrow Transplant. 1992 Mar;9(3):151-5.	<input type="checkbox"/>
18	GORDON S, and WERB Z. "Secretion of macrophage neutral proteinase is enhanced by colchicine." Proc Natl Acad Sci U S A. 1976 Mar;73(3):872-6.	<input type="checkbox"/>
19	GORMAN CM, et al. "The Rous sarcoma virus long terminal repeat is a strong promoter when introduced into a variety of eukaryotic cells by DNA-mediated transfection." Proc Natl Acad Sci U S A. 1982 Nov;79(22):6777-81.	<input type="checkbox"/>
20	HAO QL, et al. "A functional comparison of CD34 + CD38- cells in cord blood and bone marrow." Blood. 1995 Nov 15;86(10):3745-53.	<input type="checkbox"/>
21	HARBERS K, et al. "Microinjection of cloned retroviral genomes into mouse zygotes: integration and expression in the animal." Nature. 1981 Oct 15;293:540-2.	<input type="checkbox"/>
22	HENON PR, et al. "Comparison of hematopoietic and immune recovery after autologous bone marrow or blood stem cell transplants." Bone Marrow Transplant. 1992 Apr;9(4):285-91.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10530963
Filing Date	2005-06-21
First Named Inventor	Menachem Rubinstein
Art Unit	1633
Examiner Name	MARVICH, MARIA
Attorney Docket Number	057878-16

23	HERZOG RW, et al. "Stable gene transfer and expression of human blood coagulation factor IX after intramuscular injection of recombinant adeno-associated virus." Proc Natl Acad Sci U S A. 1997 May 27;94(11):5804-9.	<input type="checkbox"/>
24	JUNKER U, et al. "Hematopoietic potential and retroviral transduction of CD34+ Thy-1+ peripheral blood stem cells from asymptomatic human immunodeficiency virus type-1-infected individuals mobilized with granulocyte colony-stimulating factor." Blood. 1997 Jun 15;89(12):4299-306.	<input type="checkbox"/>
25	KEARNS WG, et al. "Recombinant adeno-associated virus (AAV-CFTR) vectors do not integrate in a site-specific fashion in an immortalized epithelial cell line." Gene Ther. 1996 Sep;3(9):748-55.	<input type="checkbox"/>
26	KOHN DB, et al. "A clinical trial of retroviral-mediated transfer of a rev-responsive element decoy gene into CD34(+) cells from the bone marrow of human immunodeficiency virus-1-infected children." Blood. 1999 Jul 1;94(1):368-71.	<input type="checkbox"/>
27	LEE SW, et al. "Inhibition of human immunodeficiency virus type 1 in human T cells by a potent Rev response element decoy consisting of the 13-nucleotide minimal Rev-binding domain." J Virol. 1994 Dec;68(12):8254-64.	<input type="checkbox"/>
28	LOTTI F, et al. "Transcriptional targeting of lentiviral vectors by long terminal repeat enhancer replacement." J Virol. 2002 Apr;76(8):3996-4007.	<input type="checkbox"/>
29	MALIM MH, et al. "Functional dissection of the HIV-1 Rev trans-activator--derivation of a trans-dominant repressor of Rev function." Cell. 1989 Jul 14;58(1):205-14.	<input type="checkbox"/>
30	MANIATIS T, et al. "Regulation of inducible and tissue-specific gene expression." Science. 1987 Jun 5;236:1237-45.	<input type="checkbox"/>
31	MARASCO WA. "Intrabodies: turning the humoral immune system outside in for intracellular immunization." Gene Ther. 1997 Jan;4(1):11-5.	<input type="checkbox"/>
32	MCKNIGHT S, and Tjian R. "Transcriptional selectivity of viral genes in mammalian cells." Cell. 1986 Sep 12;46(6):795-805.	<input type="checkbox"/>
33	MIYOSHI H, et al. "Transduction of human CD34+ cells that mediate long-term engraftment of NOD/SCID mice by HIV vectors." Science. 1999 Jan 29;283:682-6.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10530963
Filing Date	2005-06-21
First Named Inventor	Menachem Rubinstein
Art Unit	1633
Examiner Name	MARVICH, MARIA
Attorney Docket Number	057878-16

34	MORITZ T, et al. "Human cord blood cells as targets for gene transfer: potential use in genetic therapies of severe combined immunodeficiency disease." J Exp Med. 1993 Aug 1;178(2):529-36.	<input type="checkbox"/>
35	MÜHL H, et al. "Interferon-gamma mediates gene expression of IL-18 binding protein in nonleukocytic cells." Biochem Biophys Res Commun. 2000 Jan 27;267(3):960-3.	<input type="checkbox"/>
36	MURPHY JE, et al. "Long-term correction of obesity and diabetes in genetically obese mice by a single intramuscular injection of recombinant adeno-associated virus encoding mouse leptin." Proc Natl Acad Sci U S A. 1997 Dec 9;94(25):13921-6.	<input type="checkbox"/>
37	NEIGHBORS M, et al. "A critical role for interleukin 18 in primary and memory effector responses to Listeria monocytogenes that extends beyond its effects on Interferon gamma production." J Exp Med. 2001 Aug 6;194(3):343-54.	<input type="checkbox"/>
38	NOVICK D, et al. "Interleukin-18 binding protein: a novel modulator of the Th1 cytokine response." Immunity. 1999 Jan;10(1):127-36.	<input type="checkbox"/>
39	NOVICK D, et al. "A novel IL-18BP ELISA shows elevated serum IL-18BP in sepsis and extensive decrease of free IL-18." Cytokine. 2001 Jun 21;14(6):334-42.	<input type="checkbox"/>
40	PALMITER RD, and Brinster RL. "Germ-line transformation of mice." Annu Rev Genet. 1986;20:465-99.	<input type="checkbox"/>
41	REVZIN A. "Gel electrophoresis assays for DNA-protein interactions." Biotechniques. 1989 Apr;7(4):346-55.	<input type="checkbox"/>
42	SASSONE-CORSI, P. & BORRELLI, E., "Transcriptional regulation by trans-acting factors." Trends in Genetics Volume 2, 1986, Pages 215-219.	<input type="checkbox"/>
43	SCHEIDEREIT C, et al. "Identification and purification of a human lymphoid-specific octamer-binding protein (OTF-2) that activates transcription of an immunoglobulin promoter in vitro." Cell. 1987 Dec 4;51(5):783-93.	<input type="checkbox"/>
44	SLOBOD KS, et al. "Mobilization of CD34+ progenitor cells by granulocyte colony-stimulating factor in human immunodeficiency virus type 1-infected adults." Blood. 1996 Nov 1;88(9):3329-35.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10530963
Filing Date	2005-06-21
First Named Inventor	Menachem Rubinstein
Art Unit	1633
Examiner Name	MARVICH, MARIA
Attorney Docket Number	057878-16

45	SNYDER RO, et al. "Persistent and therapeutic concentrations of human factor IX in mice after hepatic gene transfer of recombinant AAV vectors." Nature Genet. 1997 Jul;16(3):270-6.	<input type="checkbox"/>
46	SNYDER RO, et al. "Correction of hemophilia B in canine and murine models using recombinant adeno-associated viral vectors." Nature Med. 1999 Jan;5(1):64-70.	<input type="checkbox"/>
47	SONG S, et al. "Sustained secretion of human alpha-1-antitrypsin from murine muscle transduced with adeno-associated virus vectors." Proc Natl Acad Sci U S A. 1998 Nov 24;95(24):14384-8.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.